

WHAT IS CLAIMED IS:

1. An X-ray CT scanner comprising:
  - an X-ray tube for radiating X-rays to a subject;
  - an X-ray detector for detecting X-rays that have penetrated the subject;
  - a circular plate-like rotary member with an opening for insertion of a subject and having the X-ray tube and the X-ray detector mounted thereon at opposing positions with respect to the opening;
  - a support for rotatably supporting the rotary member; and
  - a rotary drive for rotating the rotary member around the subject;
  - wherein the X-ray and the X-ray detector are mounted on a side surface of the rotary member, the side surface being a unit mounting surface for mounting a control unit relating to at least one of generation and detection of the X-rays.
2. The X-ray CT scanner according to claim 1, wherein the rotary member further comprises:
  - at least one unit mounting member perpendicularly projected from the side surface at outer circumferential portions of the rotary member, the unit mounting member including an accommodation portion and a mounting portion erected around the accommodation portion; and
  - the control unit relating to at least one of generation and detection of the X-rays being mounted to the unit mounting member from an opening side.
3. The X-ray CT scanner according to claim 2, wherein the accommodation portion of the unit mounting member is formed by recessing or cutting away a part of the rotary member, and the mounting

portion is integrally erected from the rotary member substantially perpendicularly to a unit mounting surface of the rotary member on an outer circumferential side of the accommodation portion.

4. The X-ray CT scanner according to claim 2, wherein the mounting portion of the unit mounting member is divided into a long side portion and a short side portion, the accommodation portion is formed by recessing or cutting away a part of the rotary member, and at a location near the accommodation portion the short side portion of the mounting portion is bent substantially perpendicularly to a unit mounting surface of the rotary member and the long side portion of the mounting portion is secured to an outer circumferential side end of the short side portion of the mounting portion.